

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052538.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 16:52
 Operator : YP\AJ
 Sample : Q1441-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-02-022625MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :Ankita Jodhani 02/28/2025

Integration File: autoint1.e

Quant Time: Feb 28 03:23:00 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 2025

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.922	4866791	26.035 ug/ml
Spiked Amount 50.000		Recovery =	52.07%
12) S 1-chlorooctadecane (S...	13.366	3958248	28.477 ug/ml
Spiked Amount 50.000		Recovery =	56.95%
Target Compounds			
1) T n-Nonane (C9)	3.258	3755021	24.463 ug/ml
2) T n-Decane (C10)	4.521	4162183	26.648 ug/ml
3) T A~Naphthalene (C11.7)	6.234	4854346	28.097 ug/ml
4) T n-Dodecane (C12)	6.702	4788843	30.340 ug/ml
5) T A~2-methylnaphthalene...	7.337	4834610	28.786 ug/ml
6) T n-Tetradecane (C14)	8.541	5561946	35.311 ug/ml
7) T n-Hexadecane (C16)	10.155	5852504	35.809 ug/ml
8) T n-Octadecane (C18)	11.605	5701517	34.458 ug/ml
10) T n-Eicosane (C20)	12.920	5526065	34.663 ug/ml
11) T n-Heneicosane (C21)	13.535	5118521	32.670 ug/ml
13) T n-Docosane (C22)	14.123	5024408	32.105 ug/ml
14) T n-Tetracosane (C24)	15.216	9637964	61.283 ug/ml
15) T n-Hexacosane (C26)	16.256	4827973	31.171 ug/ml
16) T n-Octacosane (C28)	17.209	4876122	31.878 ug/ml
17) T n-Tricontane (C30)	18.102	5298626	33.944 ug/ml
18) T n-Dotriacontane (C32)	18.938	4855155	31.729 ug/ml
19) T n-Tetratriacontane (C34)	19.726	5016824	35.265 ug/ml
20) T n-Hexatriacontane (C36)	20.469	4566227	36.636 ug/mlm
21) T n-Octatriacontane (C38)	21.214	4462198	40.824 ug/mlm
22) T n-Tetracontane (C40)	22.148	5303052	52.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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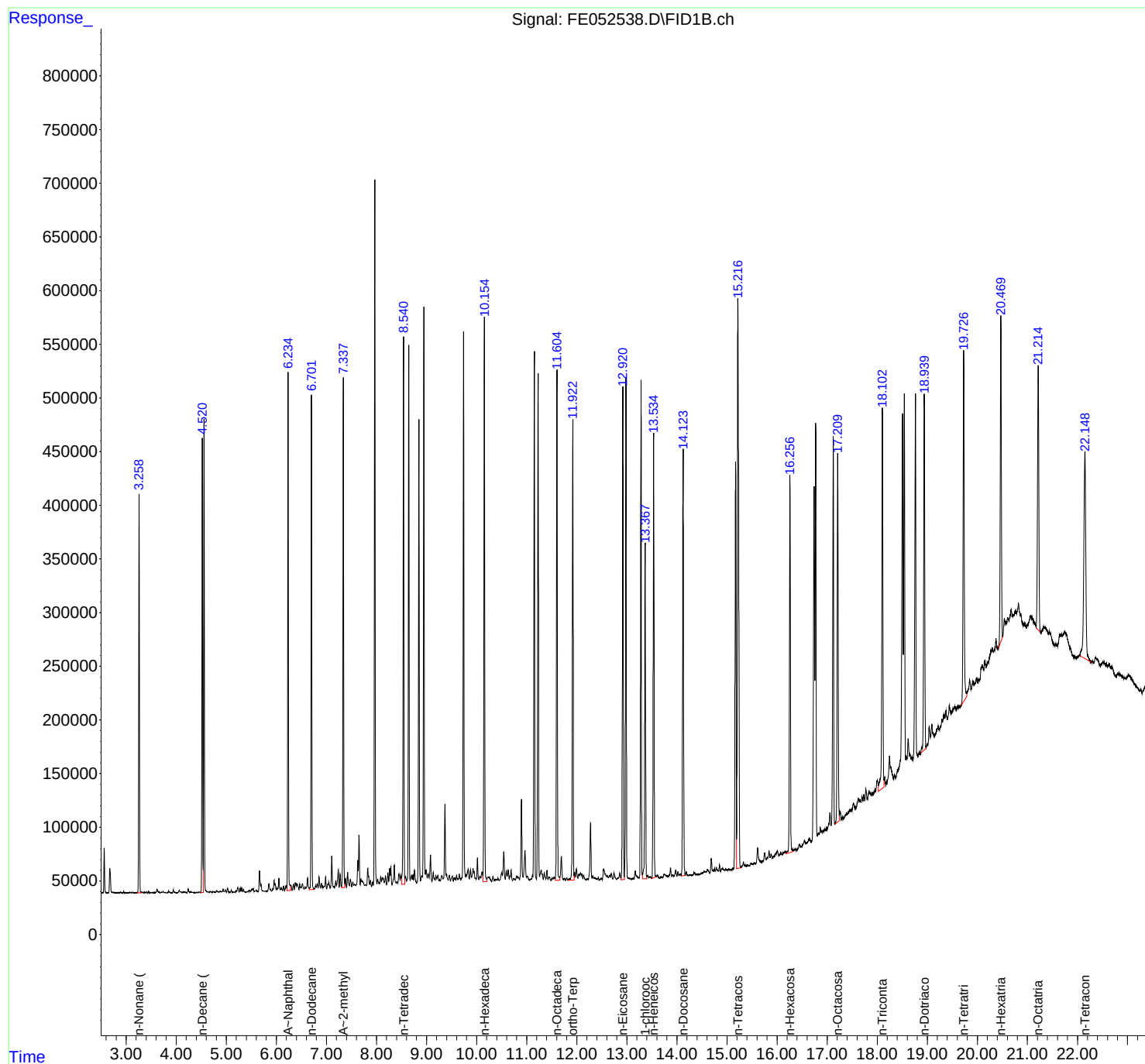
Instrument :
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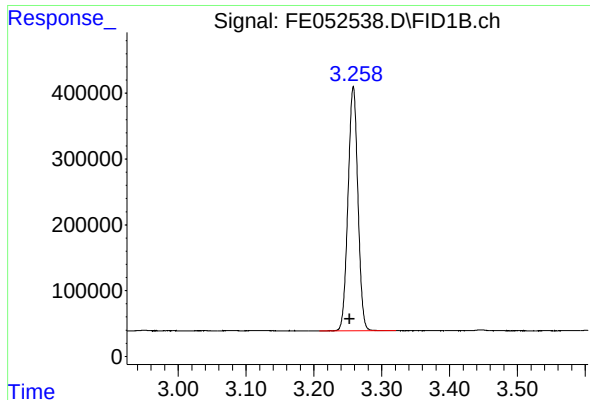
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Quant Title : GC Extractables
QLast Update : Fri Feb 14 00:50:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: 0.005 min
Response: 3755021
Conc: 24.46 ug/ml

Instrument :

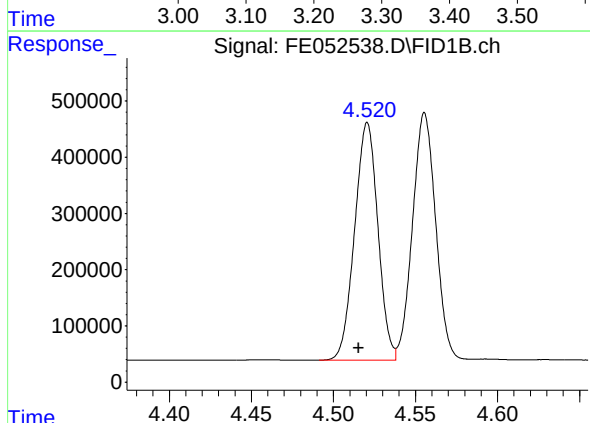
FID_E

ClientSampleId :

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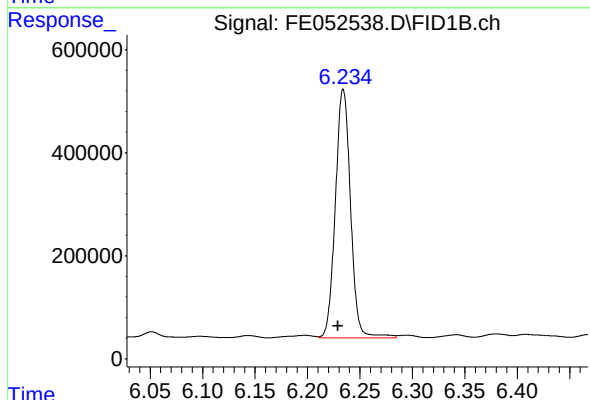
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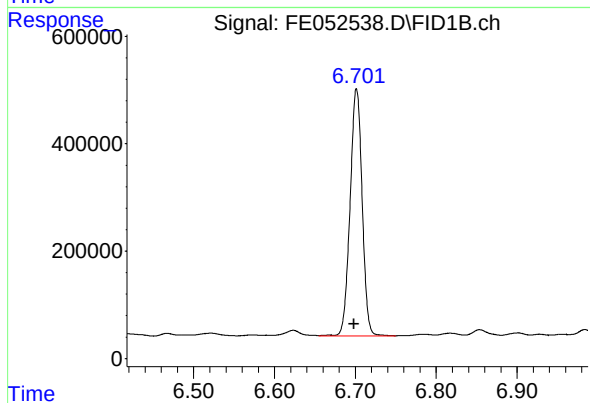
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 4162183
Conc: 26.65 ug/ml



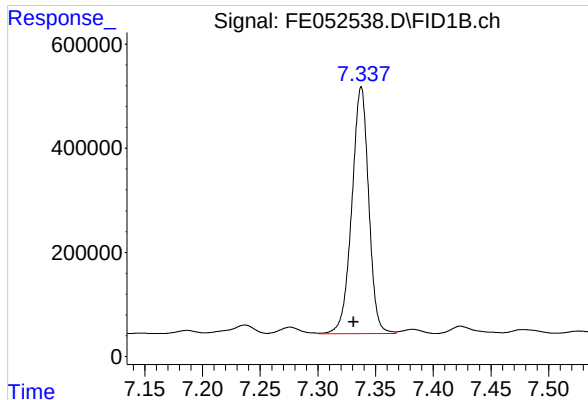
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 4854346
Conc: 28.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: 0.003 min
Response: 4788843
Conc: 30.34 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: 0.006 min
Response: 4834610
Conc: 28.79 ug/ml

Instrument :

FID_E

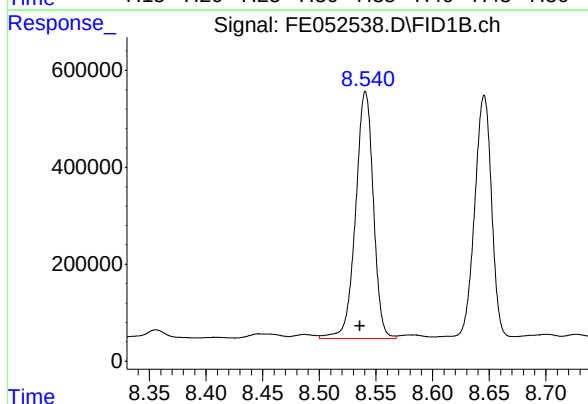
ClientSampleId :

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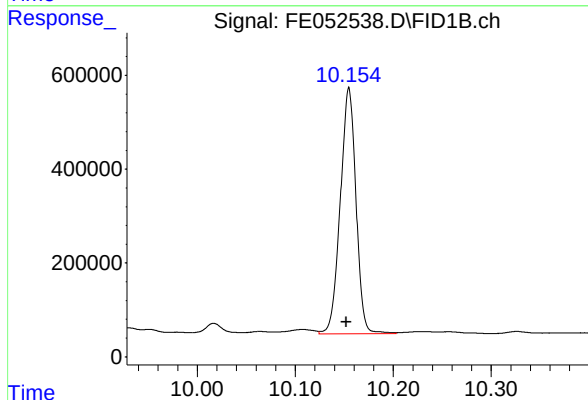
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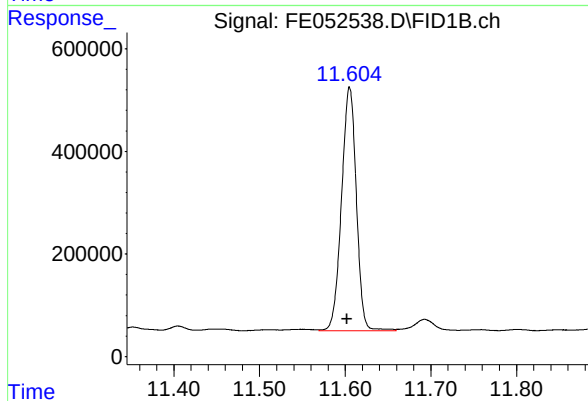
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.005 min
Response: 5561946
Conc: 35.31 ug/ml



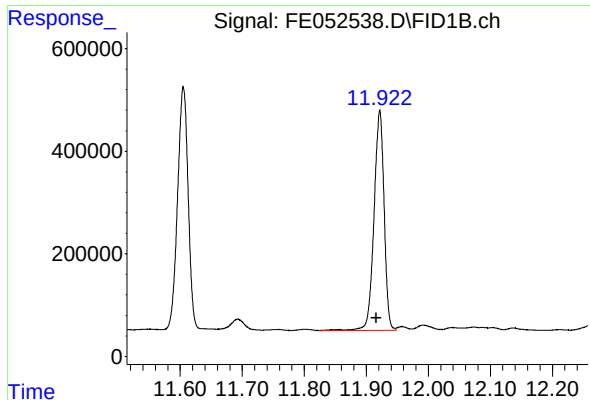
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.003 min
Response: 5852504
Conc: 35.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.003 min
Response: 5701517
Conc: 34.46 ug/ml



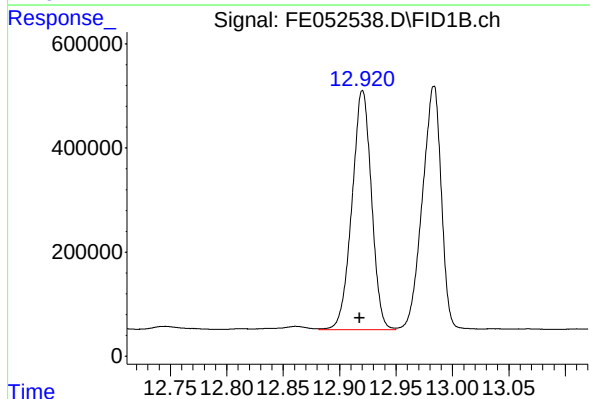
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.005 min
Response: 4866791
Conc: 26.04 ug/ml

Instrument :
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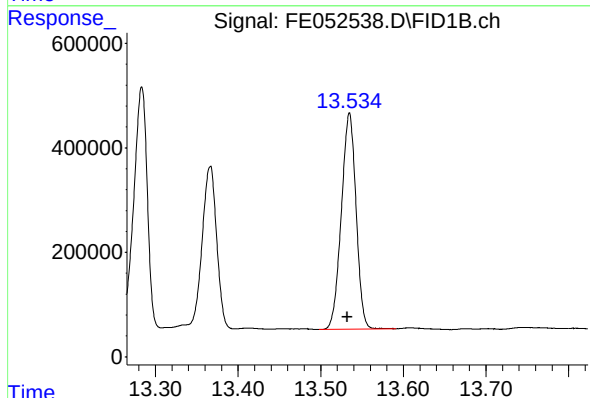
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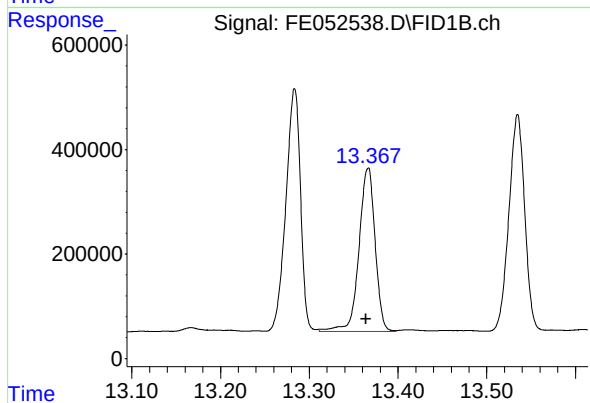
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.003 min
Response: 5526065
Conc: 34.66 ug/ml



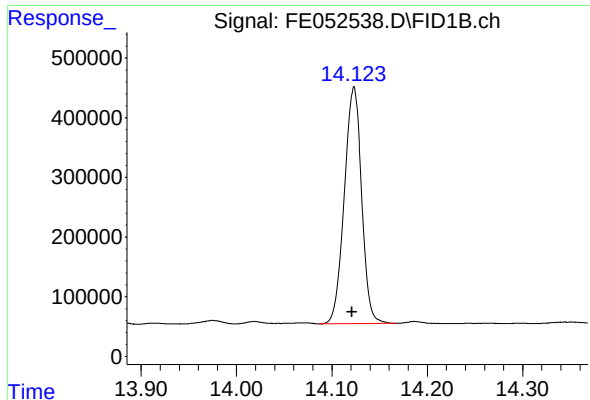
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.002 min
Response: 5118521
Conc: 32.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: 0.002 min
Response: 3958248
Conc: 28.48 ug/ml



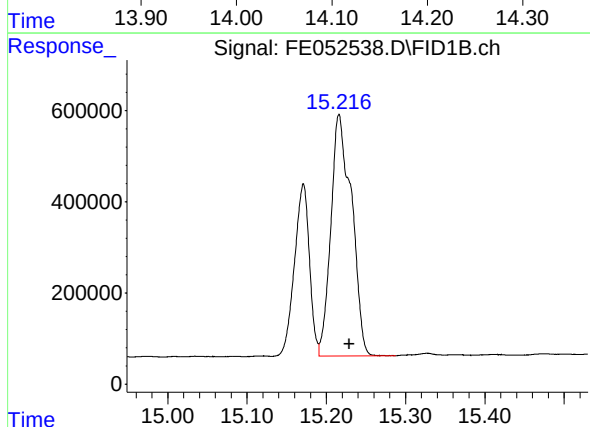
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.002 min
Response: 5024408
Conc: 32.11 ug/ml

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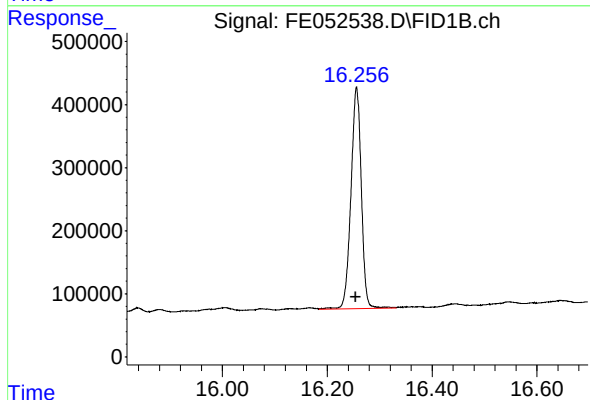
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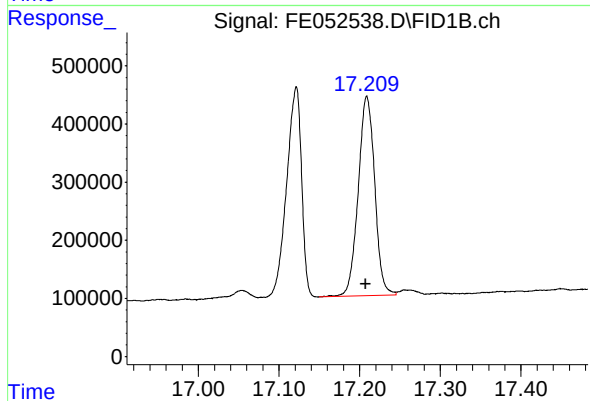
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.013 min
Response: 9637964
Conc: 61.28 ug/ml



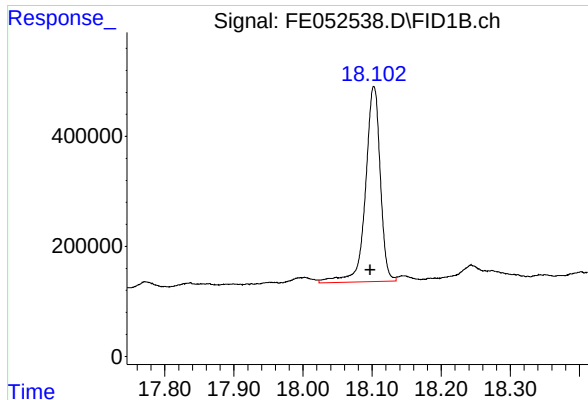
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.002 min
Response: 4827973
Conc: 31.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: 0.001 min
Response: 4876122
Conc: 31.88 ug/ml



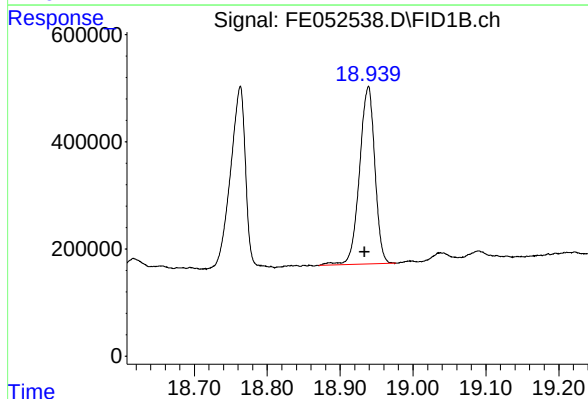
#17 n-Tricontane (C30)

R.T.: 18.102 min
Delta R.T.: 0.005 min
Response: 5298626
Conc: 33.94 ug/ml

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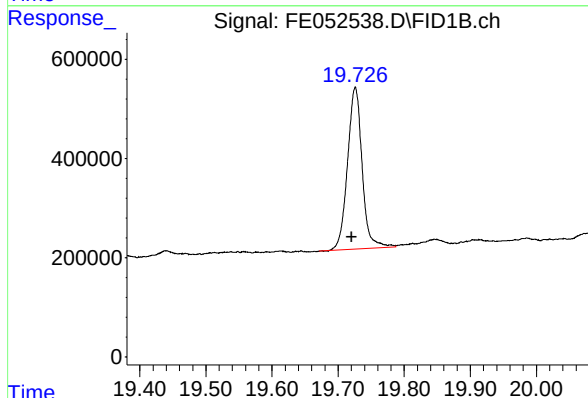
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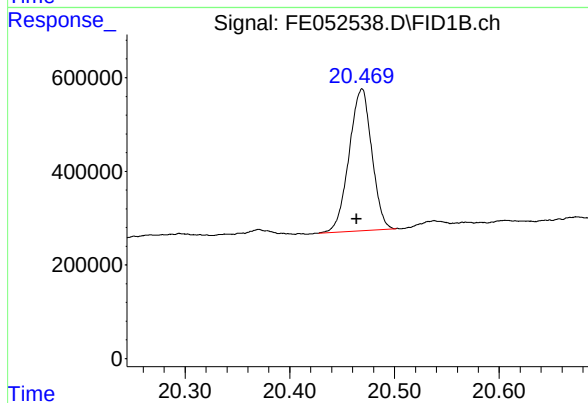
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.005 min
Response: 4855155
Conc: 31.73 ug/ml



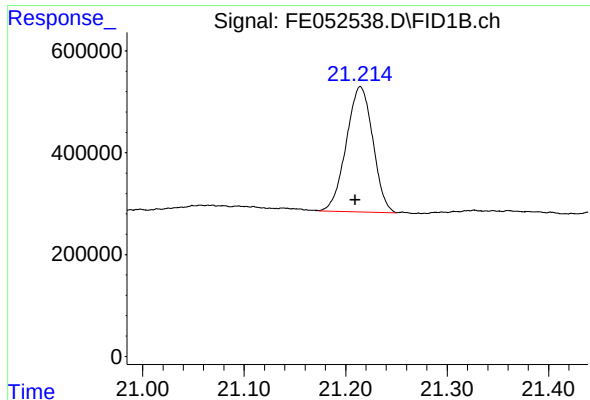
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.005 min
Response: 5016824
Conc: 35.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.005 min
Response: 4566227
Conc: 36.64 ug/ml m



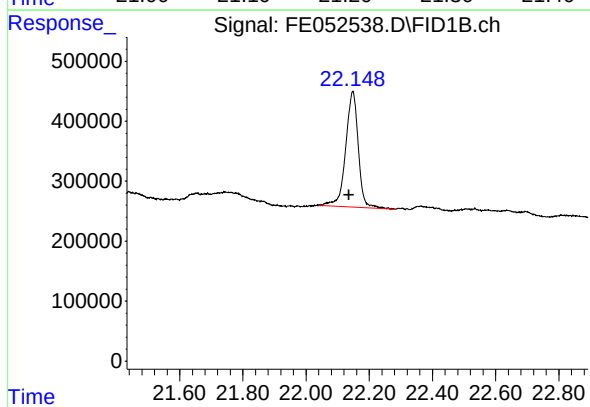
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.005 min
Response: 4462198
Conc: 40.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.012 min
Response: 5303052
Conc: 52.72 ug/ml